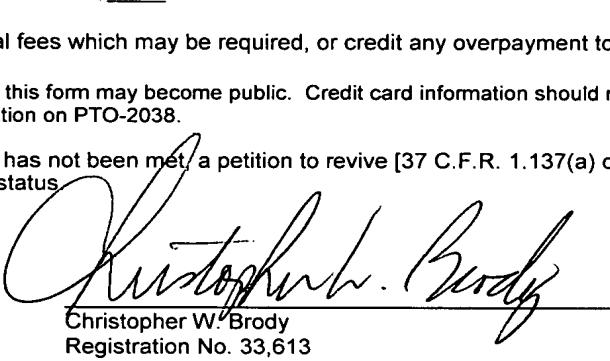


FORM PTO-1390 (REV 2-2005) OMB-0651-0021	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 12054-0068
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		O I P E MAY 18 2007 U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.5) 10/589,879
INTERNATIONAL APPLICATION NO. PCT/JP2005/002291	INTERNATIONAL FILING DATE FEBRUARY 16, 2005	
TITLE OF INVENTION: METHOD FOR PRODUCING Ti OR Ti ALLOY THROUGH REDUCTION BY Ca (as amended)		
APPLICANT(S) FOR DO/EO/US: Tadashi OGASAWARA, Makoto YAMAGUCHI, Masahiko HORI, Toru UENISHI and Katsunori DAKESHITA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. (THE BASIC FILING FEE IS ATTACHED) 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures [35 U.S.C. 371(f)] at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)] <ul style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)]. <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)] <ul style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]. 9. <input type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. 		
Items 11 - 20 below concern other document(s) or information included:		
<ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. <input checked="" type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: SUBMISSION OF TRANSLATION OF IPER 		

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) 10/589,879		INTERNATIONAL APPLICATION NO. PCT/JP2005/002291		ATTORNEY DOCKET NO. 12054-0068 DATE: August 18, 2006					
<input type="checkbox"/> The following fees are submitted:									
<input type="checkbox"/> 21.) Basic National Fee \$300									
<input type="checkbox"/> 22.) Examination Fee - If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100									
All other situations \$200									
<input type="checkbox"/> 23.) Search Fee - If Search Fee (37 CFR 1.445(a)(2) has been paid in the International Application to the USPTO as an International Searching Authority \$100									
International Search Report prepared and provided to the Office. \$400									
All other situations \$500									
TOTAL OF 21, 22 and 23 =									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing on computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE					
-100	/50=			x \$250					
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(h)].									
Claims	Number Filed	Number Extra	Rate						
Total Claims	- 20 =	0	X \$50.00						
Independent Claims	- 3 =	0	X \$200.00						
Multiple dependent claim(s) (if applicable)			+ \$360.00						
TOTAL OF ABOVE CALCULATIONS =									
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2									
SUBTOTAL =									
Processing fee of \$130.00 for furnishing the English translation later the 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)].									
TOTAL NATIONAL FEE =									
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property									
TOTAL FEES ENCLOSED =									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Amount to be refunded</td> <td style="width: 40%; text-align: right;">\$</td> </tr> <tr> <td>Charged</td> <td style="text-align: right;">\$</td> </tr> </table>						Amount to be refunded	\$	Charged	\$
Amount to be refunded	\$								
Charged	\$								
a. <input type="checkbox"/> A check in the amount of \$0 to cover the above fees is enclosed.									
b. <input type="checkbox"/> Please charge Counsel's Deposit Account No. 50-1088 in the amount of \$ _____ to cover the above fee. A duplicate copy of this sheet is enclosed.									
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-1088.									
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive [37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.									
SEND ALL CORRESPONDENCE TO:									
CLARK & BRODY 1090 Vermont Avenue, N.W. Suite 250 Washington, D.C. 20005 Telephone: 202-835-1111 Fax: 202-835-1755									
 Christopher W. Brody Registration No. 33,613 Date: May 18, 2007									
Customer Number: 22902									

must be filed and granted to the

**CLARK & BRODY
1090 Vermont Avenue, N.W.
Suite 250
Washington, D.C. 20005
Telephone: 202-835-1111
Fax: 202-835-1755**

Customer Number: 22902

Christopher W. Brody
Registration No. 33,613
Date: May 18, 2007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
In the DO/EO/US**

In re the Application of:

Tadashi OGASAWARA et al.

Art Unit: not yet assigned

Application No.: 10/589,879

Examiner: not yet assigned

Filed: August 18, 2006

Attorney Dkt. No.: 12054-0068

For: METHOD FOR PRODUCING Ti OR Ti ALLOY THROUGH REDUCTION BY Ca
(as amended)

**SUBMISSION OF TRANSLATION OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY**

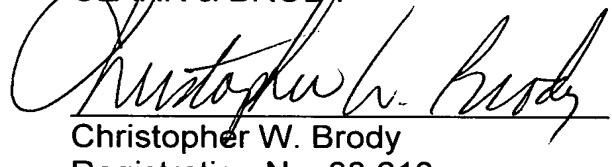
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

For the Examiner's convenience, Applicants respectfully submit herewith a copy of the translation of the International Preliminary Report on Patentability which was issued in the related International Application. The references cited therein have already been disclosed by Applicants in the Information Disclosure Statement filed with the application on August 18, 2006.

Applicants respectfully submit that there is no fee required for this submission, however, please charge any fee deficiency or credit any overpayment to Deposit Account No. 50-1088.

Respectfully submitted,
CLARK & BRODY



Christopher W. Brody
Registration No. 33,613

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Date: May 18, 2007